

PATENT COOPERATION TREATY

EO/US
PCT/IT99/00300

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
ETATS-UNIS D'AMERIQUE
in its capacity as elected Office

Date of mailing: 29 March 2001 (29.03.01)	Applicant's or agent's file reference: 21113112WO10
International application No.: PCT/IT99/00300	Priority date:
International filing date: 23 September 1999 (23.09.99)	
Applicant: CITTADINI, Paolo et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International preliminary Examining Authority on:
10 August 2000 (10.08.00)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer: J. Zahra Telephone No.: (41-22) 338.83.38
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PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

GHIONI, Carlo, Raoul
Bugnion S.p.A.
Viale Lancetti, 19
I-20158 Milano
ITALIE

Date of mailing (day/month/year) 10 August 2001 (10.08.01)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 21113112WO10	
International application No. PCT/IT99/00300	International filing date (day/month/year) 23 September 1999 (23.09.99)

1. The following indications appeared on record concerning:		
<input type="checkbox"/> the applicant	<input type="checkbox"/> the inventor	<input checked="" type="checkbox"/> the agent
<input type="checkbox"/> the common representative		
Name and Address SUTTO, Luca Bugnion S.p.A. Viale Lancetti, 19 I-20158 Milano Italy	State of Nationality	State of Residence
	Telephone No. 02 693031	
	Facsimile No. 02 69303501	
	Teleprinter No.	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
<input checked="" type="checkbox"/> the person	<input type="checkbox"/> the name	<input type="checkbox"/> the address
<input type="checkbox"/> the nationality		
<input type="checkbox"/> the residence		
Name and Address GHIONI, Carlo, Raoul Bugnion S.p.A. Viale Lancetti, 19 I-20158 Milano Italy	State of Nationality	State of Residence
	Telephone No. 02 693031	
	Facsimile No. 02 69303501	
	Teleprinter No.	
3. Further observations, if necessary:		
4. A copy of this notification has been sent to:		
<input checked="" type="checkbox"/> the receiving Office	<input type="checkbox"/> the designated Offices concerned	
<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned	
<input checked="" type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:	

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Maria Victoria CORTIELLO
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

GHIONI, Carlo, Raoul
Bugnion S.p.A.
Viale Lancetti, 19
I-20158 Milano
ITALIE

Date of mailing (day/month/year) 12 novembre 2001 (12.11.01)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 21113112WO10	
International application No. PCT/IT99/00300	International filing date (day/month/year) 23 septembre 1999 (23.09.99)

1. The following indications appeared on record concerning:

☒ the applicant ☐ the inventor ☐ the agent ☐ the common representative

Name and Address

INDUSTRIE ILPEA S.P.A.
Viale dell' Industria, 37
I-21023 Malgesso
Italy
(Fiscal code 11054860157)

State of Nationality

IT

State of Residence

IT

Telephone No.

Facsimile No.

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☒ the person ☐ the name ☐ the address ☐ the nationality ☐ the residence

Name and Address

INDUSTRIE ILPEA S.P.A.
Viale dell' Industria, 37
I-21023 Malgesso
Italy
(Fiscal code 02536400126)

State of Nationality

IT

State of Residence

IT

Telephone No.

Facsimile No.

Teleprinter No.

3. Further observations, if necessary:

The person indicated in Box. 2 is a new company which has been established by a merger between the company indicated in Box. 1 and another company.

4. A copy of this notification has been sent to:

<input checked="" type="checkbox"/> the receiving Office	<input type="checkbox"/> the designated Offices concerned
<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned
<input type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Idhir BRITEL

Telephone No.: (41-22) 338.83.38

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 21I13112W010	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/IT 99/ 00300	International filing date (day/month/year) 23/09/1999	(Earliest) Priority Date (day/month/year)
Applicant INDUSTRIE ILPEA S.P.A. et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

3



None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IT 99/00300

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F25D23/08 E05C19/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F25D E05C B29D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 21 12 425 A (TRUBE + KINGS KG STAHL-METALLBAU) 21 September 1972 (1972-09-21) the whole document figures 1-8	1-3
X	US 5 816 080 A (JEZIOROWSKI LES A) 6 October 1998 (1998-10-06) the whole document	1,3,8,9, 13,18,19 4-7, 14-17
Y	US 2 959 832 A (M. BAERMANN) 15 November 1960 (1960-11-15) the whole document	4,5,14, 15
Y	GB 903 287 A (B.F. GOODRICH COMPANY) 15 August 1962 (1962-08-15) the whole document	7,17

-/--

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

18 May 2000

Date of mailing of the international search report

24/05/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Busuiocescu, B

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT 99/00300

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 1 554 941 A (SCHLEGEL UK LTD) 31 October 1979 (1979-10-31) the whole document ----	6, 10-12, 16
Y	WO 93 21643 A (RJF INT CORP) 28 October 1993 (1993-10-28) the whole document ----	10-12
A	EP 0 559 267 A (ILPEA IND SPA) 8 September 1993 (1993-09-08) figure 3 ----	2
A	US 3 248 159 A (B.F. GOODRICH COMPANY) 26 April 1966 (1966-04-26) the whole document ----	4, 5, 14, 15
A	GB 1 025 671 A (ROBERT BOSCH GMBH) 14 April 1966 (1966-04-14) ----	
A	GB 859 862 A (B.F. GOODRICH COMPANY) 25 January 1961 (1961-01-25) -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT 99/00300


Patent document cited in search report		Publication date	Patent family member(s)		Publication date
DE 2112425	A	21-09-1972	NONE		
US 5816080	A	06-10-1998	CA	2205157 A	12-11-1998
US 2959832	A	15-11-1960	NONE		
GB 903287	A		NONE		
GB 1554941	A	31-10-1979	CA	1057789 A	03-07-1979
			DE	2715902 A	20-10-1977
WO 9321643	A	28-10-1993	CA	2117796 A	28-10-1993
			DE	69327457 D	03-02-2000
			EP	0636272 A	01-02-1995
			JP	7505977 T	29-06-1995
			US	5428332 A	27-06-1995
			US	5942961 A	24-08-1999
EP 0559267	A	08-09-1993	IT	1254504 B	25-09-1995
			DE	69324396 D	20-05-1999
			DE	69324396 T	28-10-1999
US 3248159	A	26-04-1966	NONE		
GB 1025671	A		NL	284176 A	
GB 859862	A		NONE		

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference ./.	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/IT99/00300	International filing date (day/month/year) 23/09/1999	Priority date (day/month/year) 23/09/1999
International Patent Classification (IPC) or national classification and IPC F25D23/08		
Applicant INDUSTRIE ILPEA S.P.A. et al.		
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 6 sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of sheets.</p>		
<p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input checked="" type="checkbox"/> Certain defects in the international application VIII <input checked="" type="checkbox"/> Certain observations on the international application 		
Date of submission of the demand 10/08/2000	Date of completion of this report 16.08.2001	
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer Zanotti, L Telephone No. +49 89 2399 8486	



**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/IT99/00300

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17):*)

Description, pages:

1-9 as originally filed

Claims, No.:

1-19 as originally filed

Drawings, sheets:

1/2-2/2 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
☐ the language of publication of the international application (under Rule 48.3(b)).
☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority in written form.
☐ furnished subsequently to this Authority in computer readable form.
☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
☐ the claims, Nos.:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/IT99/00300

☐ the drawings, sheets:

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes:	Claims	1-19
	No:	Claims	
Inventive step (IS)	Yes:	Claims	1-19
	No:	Claims	
Industrial applicability (IA)	Yes:	Claims	1-19
	No:	Claims	

2. Citations and explanations
see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:
see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:
see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/IT99/00300

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Claim 1

The most relevant prior art appears to be document DE 2112425. This document discloses a sealing gasket with magnetic closure comprising the features of the first part of claim 1.

The features of the characterizing portion of claim 1, defining that "each of said magnetised longitudinal bands comprises at least a pair of segments substantially of equal or similar lengths, said pair of segments presenting magnetic charges of homogeneous polarity in each segment and of opposite polarity with respect to that of the other segment, each said segment of each longitudinal band being laterally flanked and being longitudinally adjacent to segment of opposite polarity", are not disclosed in DE 2112425. Such an arrangement can also not be found in document US 5816080, cited as X-document in the search report, nor in the other available prior art documents. It is also credible that such an arrangement provides a simpler manufacturing and mounting of the gaskets compared to the ones suggested in the prior art.

Since the industrial applicability is obvious, the subject-matter of claim 1 would therefore appear to meet the criteria set forth in Article 33(2), (3) and (4) PCT.

2. Claim 10

Claim 10 defines basically the features of claim 1 in terms of method steps. Therefore, above criteria apply also for the independent method claim 10.

The method according to claim 10 is thus also new and inventive and claim 10 satisfies the criteria set forth in Article 33(2), (3) and (4) PCT.

3. Claim 13

Claim 13 defines the features of the magnetised element used in the gasket of claim 1. Therefore, above criteria apply accordingly.

The magnetised element according to independent claim 13 is thus also new and inventive and claim 13 satisfies the criteria set forth in Article 33(2), (3) and (4) PCT.

4. Claims 2 to 9, claims 11 and 12 and claims 14 to 19

The dependent claims contain modifications of the inventive idea embodied in the independent claims to which they refer and would also appear to meet the requirements of Article 33(2), (3) and (4) PCT.

Re Item VII

Certain defects in the international application

1. Contrary to the requirements of Rule 5.1(a)(ii) PCT, a document reflecting the prior art described on page 2 is not identified in the description. Also document DE 2112425 is not identified in the description and the relevant background art disclosed therein is not mentioned.

Re Item VIII

Certain observations on the international application

1. In claim 10, it is not clear how the supporting section bar is subdivided. It is in particular unclear which portion of the section bar has to be subdivided and how it should be subdivided, whether longitudinally or transversally. It would appear in fact that, to be consistent with the remaining part of the claim, the subdivision

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/IT99/00300

should be carried out longitudinally.

Furthermore, the term "preferably " in line 25 and line 28 would appear to be superfluous.

2. In claim 13, it is not clear which is the main face of the magnetised element, since a particular shape of the element is not defined.
3. Dependent claim 19 relates to a gasket but it refers back to claims 13 to 18 which on the contrary relate to a magnetised element.

From the INTERNATIONAL SEARCHING AUTHORITY

PCTNOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT
OR THE DECLARATION

(PCT Rule 44.1)

To:

BUGNION S.P.A.
Attn. SUTTO, L
Viale Lancetti, 19
I-20158 MILANO
ITALYDate of mailing
(day/month/year)

24/05/2000

Applicant's or agent's file reference

21I13112W010

FOR FURTHER ACTION

See paragraphs 1 and 4 below

International application No.

PCT/IT 99/00300

International filing date
(day/month/year)

23/09/1999

Applicant

INDUSTRIE ILPEA S.P.A. et al.

- 1.
- ☒
- The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.**Where?** Directly to the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

- 2.
- ☐
- The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

- 3.
- ☐
- With regard to the protest**
- against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

- 4.
- Further action(s):**
- The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority

European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pieter Nijhuijs

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 21I13112W010	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/IT 99/ 00300	International filing date (day/month/year) 23/09/1999	(Earliest) Priority Date (day/month/year)
Applicant INDUSTRIE ILPEA S.P.A. et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

3

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

T/IT 99/00300

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F25D23/08 E05C19/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F25D E05C B29D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 21 12 425 A (TRUBE + KINGS KG STAHL-METALLBAU) 21 September 1972 (1972-09-21) the whole document figures 1-8 ---	1-3
X	US 5 816 080 A (JEZIOROWSKI LES A) 6 October 1998 (1998-10-06) the whole document ---	1, 3, 8, 9, 13, 18, 19 4-7, 14-17
Y	US 2 959 832 A (M. BAERMANN) 15 November 1960 (1960-11-15) the whole document ---	4, 5, 14, 15
Y	GB 903 287 A (B.F. GOODRICH COMPANY) 15 August 1962 (1962-08-15) the whole document ---	7, 17
	--- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

18 May 2000

Date of mailing of the international search report

24/05/2000

Name and mailing address of the ISA

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Fax: (+31-70) 340-3016

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Busuiocescu, B

INTERNATIONAL SEARCH REPORT

International Application No

IT/IT 99/00300

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 1 554 941 A (SCHLEGEL UK LTD) 31 October 1979 (1979-10-31) the whole document ---	6,10-12, 16
Y	WO 93 21643 A (RJF INT CORP) 28 October 1993 (1993-10-28) the whole document ---	10-12
A	EP 0 559 267 A (ILPEA IND SPA) 8 September 1993 (1993-09-08) figure 3 ---	2
A	US 3 248 159 A (B.F. GOODRICH COMPANY) 26 April 1966 (1966-04-26) the whole document ---	4,5,14, 15
A	GB 1 025 671 A (ROBERT BOSCH GMBH) 14 April 1966 (1966-04-14) ---	
A	GB 859 862 A (B.F. GOODRICH COMPANY) 25 January 1961 (1961-01-25) -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT 99/00300

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 2112425	A	21-09-1972	NONE	
US 5816080	A	06-10-1998	CA 2205157 A	12-11-1998
US 2959832	A	15-11-1960	NONE	
GB 903287	A		NONE	
GB 1554941	A	31-10-1979	CA 1057789 A DE 2715902 A	03-07-1979 20-10-1977
WO 9321643	A	28-10-1993	CA 2117796 A DE 69327457 D EP 0636272 A JP 7505977 T US 5428332 A US 5942961 A	28-10-1993 03-02-2000 01-02-1995 29-06-1995 27-06-1995 24-08-1999
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US 3248159	A	26-04-1966	NONE	
GB 1025671	A		NL 284176 A	
GB 859862	A		NONE	

INTERNATIONAL SEARCH REPORT

Application No

PCT/IT 99/00300

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According to International Patent Classification (IPC) or to both national classification and IPC

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Minimum documentation searched (classification system followed by classification symbols)

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Z document member of the same patent family

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Fax: (+31-70) 340-3016

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Busuiocescu, B

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT 99/00300

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

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International Application No

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US 2959832	A	15-11-1960	NONE	
GB 903287	A		NONE	
GB 1554941	A	31-10-1979	CA 1057789 A DE 2715902 A	03-07-1979 20-10-1977
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US 3248159	A	26-04-1966	NONE	
GB 1025671	A		NL 284176 A	
GB 859862	A		NONE	

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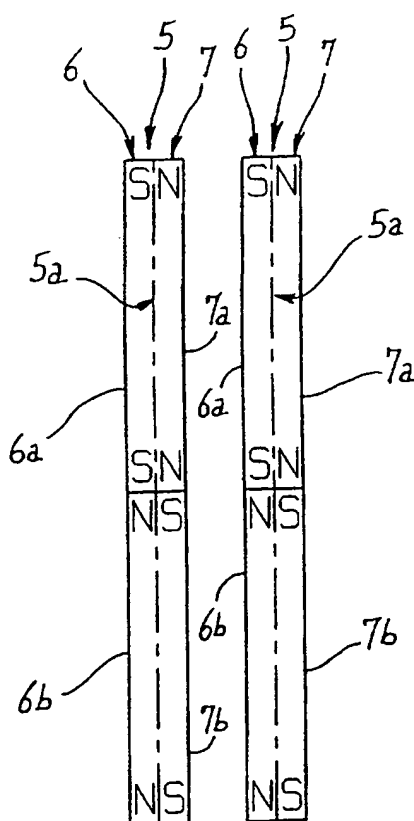
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E05C 19/16
- (21) International Application Number: **PCT/IT99/00300** (81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
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- (25) Filing Language: English
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- (71) Applicant (*for all designated States except US*): **INDUSTRIE ILPEA S.P.A.** [IT/IT]; Viale dell' Industria, 37, I-21023 Malgesso (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **CITTADINI, Paolo** [IT/IT]; Via Campo dei Fiori, 1, I-21020 Luvinata (IT).
CALDIROLI, Alfonso [IT/IT]; Via Santo Stefano, 6A, I-21053 Castellanza (IT).
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— *With international search report.*

[Continued on next page]

(54) Title: SEALING GASKET WITH MAGNETIC CLOSURE, PARTICULARLY FOR DOOR WINGS, HATCHES, WINDOWS AND DOORS AND THE LIKE AND METHOD FOR ITS REALISATION



(57) Abstract: A sealing gasket with magnetic closure is provided, comprising a support section bar (2) preferably made of plastic resin and a magnetised strip-shaped element (5) inserted in the supporting section bar and presenting on a main face (5a) at least a pair of magnetised longitudinal bands (6, 7) each subdivided into at least a pair of segments of equal or similar length and presenting each an opposite polarity with respect to that of laterally flanking and longitudinally adjacent segments. Also provided is a method for the realisation of the sealing gasket with magnetic closure according to the invention wherein the magnetisation of the strip-shaped element is performed after its insertion into the supporting section bar.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.